



CITY OF SAN DIEGO

PURCHASING DIVISION
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195

Quotation No. 6083-03-Q

REQUEST FOR QUOTATION

Bid Opening Date: May 12, 2003
@ 5:00 p.m.

Subject: Furnish the City of San Diego with **HVAC MAINTENANCE FOR THE METROPOLITAN WASTEWATER OPERATIONS COMPLEX**, as may be required for a period of one (1) year from date of award, with options to renew for four (4) additional one (1) year periods, in accordance with the attached specifications.

**LICENSES REQUIRED: C-4 BOILER CONTRACTOR LICENSE
C-20 HVAC CONTRACTOR LICENSE**

NOTE: MANDATORY PRE-BID CONFERENCE – SEE PAGE 4 FOR DETAILS.

Company _____	Name _____ [PRINT OR TYPE]
Federal Tax I.D. No. _____	Signature* _____
Street Address _____	Title _____
City _____	Date _____
State _____ Zip Code _____	
Tel. No. _____ Fax No. _____	<i>*Authorized Signature: The signer declares under penalty of perjury that she/he is authorized to sign this document and bind the company or organization to the terms of this agreement.</i>
E-Mail _____	

This cover page must be completed and submitted as part of your Quotation.

If your firm is not located in California, are you authorized to collect California sales tax? ☐ YES ☐ NO

If YES, under what Permit # _____

NOTE: The City of San Diego is subject to State Sales and Use Tax, but is exempt from Federal Excise Tax and will furnish exemption certificates upon request. Do not include Federal Excise or Sales Tax in your Quotation.

If you are a Vendor located in the City of San Diego, a 1% sales tax refund to the City will be considered in evaluation of your Quotation.

Cash discount terms _____ % _____ days.
[Terms of less than 20 days will be considered as Net 30 for bid evaluation purposes.]

State delivery time required: _____ days after receipt of order.

The following addenda are acknowledged and incorporated in this submittal: _____

FOR FURTHER INFORMATION CONCERNING THIS QUOTATION

FRANK MORENO/cp4, Procurement Specialist

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I. PRICING PAGE**SECTION 1 – ANNUAL PREVENTATIVE MAINTENANCE PROGRAM**

Est. Qty.	U/M	Description	Annual Cost
1	YR	Preventative Maintenance Program for HVAC Equipment at the Metropolitan Wastewater Complex. (Reference Attachment A for Inventory.)	\$

NOTE: Cost per unit to add HVAC Preventive Maintenance Program: \$_____.

Amount deducted to remove unit from Preventive Maintenance Program: \$_____.

SECTION 2 – REPAIRS

Est. Qty.	U/M	Description	Unit Cost	Extension
175	HR	Repairs required to maintain HVAC systems operating efficiently and effectively.	\$ /per hour	\$

SECTION 3 – EMERGENCY SERVICE

Item	U/M	Description	Unit Cost
1.	HR	Emergency callout for service - 8:00 a.m. to 5:00 p.m, Monday through Friday.	\$ per hour
2.	HR	Emergency callout for service – After 5:00 p.m., to include Weekends and Holidays.	\$ per hour

SECTION 4 – PARTS

Bidder offers: _____% percentage discount offered off manufacturer's list price for HVAC parts/components other than preventative maintenance belts, filters, and standard parts.

NOTE: This discount will not be considered in the award.

II. SCOPE OF WORK

Provide the City's Metropolitan Wastewater Operations Complex with full preventative maintenance support for HVAC systems per specifications referenced herein.

III. TERMS AND CONDITIONS

A. MANDATORY PRE-BID CONFERENCE

All Bidders must attend the pre-bid conference. The pre-bid conference will be held at the Metropolitan Operations Center (MOC II), 9192 Topaz Way, San Diego, CA 92123-1119, on Thursday, May 1, 2003 at 9:30 a.m. Bidders will meet at the front counter.

Bids will not be accepted from Bidders who do not attend the mandatory pre-bid conference, nor from Bidders who arrive after the pre-bid conference has started. Allow two (2) hours for the pre-bid conference.

B. AWARD

This bid shall be awarded to the lowest responsive, responsible bidder meeting bid specifications, as may be in the best interest of the City.

C. SUBMITTALS

1. BID SUBMITTAL

Quotes may be returned in a sealed envelope to the Purchasing Division, 1200 Third Avenue, Suite 200, San Diego, CA 92101. The quote number and opening date/time must be referenced on the outside of the envelope (lower left corner). Quotes must be received by the Purchasing Division prior to 5:00 p.m. on due date. **Quotes may be faxed.**

2. SUBMITTALS REQUIRED WITH BID

Failure to provide the required submittals with the bid may be cause for the bid to be rejected as non-responsive.

- a. Bidder's References (as specified in Section III, paragraph I).
- b. C-4 Boiler Contractor License information (as specified in Section III, paragraph J).
- c. C-20 HVAC Contractor License information (as specified in Section III, paragraph J).
- d. Certification Survey (use form on page 22).

3. SUBMITTALS REQUIRED UPON PROVISIONAL AWARD

Failure to provide the following documentation within the time period specified may be cause for the provisional award to be voided and the bid to be rejected as non-responsive.

- a. Insurance requirements as specified in Section III, paragraph E.
- b. Taxpayer Identification Number (W-9) as specified in Section III, paragraph O, if not currently on file.

D. OPTION TO RENEW

The City may desire to exercise an option to renew the contract for four (4) additional one (1) year periods under the terms and conditions herein stated beginning on the anniversary of the commencement of service. The renewal is contingent on a mutual agreement between the City and the Contractor with such agreement to be confirmed within sixty (60) days prior to the expiration of the contract period. Either the City or the Contractor may decline to confirm the renewal of the contract for any reason whatsoever, which shall render the renewal option null and void.

The City's initial letter offering the contractor an opportunity to renew the contract does not constitute an award of the option period. Any option acceptance must be confirmed by the City, in writing, before it becomes valid.

If bidder would accept the option to renew, please indicate the maximum percentage increase to which the prices in effect at the end of the current contract year would be subject if the renewal options were exercised. _____%

Failure to complete the price increase section above will be construed to mean that prices bid will not be increased during any option period.

If an increase is requested, the Contractor must provide detailed supporting documentation to justify the requested increase. The requested increase will be evaluated by the City, and the City reserves the right to accept or reject. The City will not grant option year increases which exceed the average percentage variant for the previous twelve months in the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) for the San Diego area as published by the Bureau of Labor Statistics, or 5.0%, whichever is less.

Would the bidder accept the option to renew, subject to the above stated conditions?

☐ YES ☐ NO

This section will not be considered in the evaluation for award.

E. INSURANCE REQUIREMENTS

All required insurance shall be submitted to Purchasing within ten (10) days of provisional award. **Failure to provide the insurance certificates within the time frame specified by the City shall be cause for the bid to be rejected as non-responsive.** Insurance shall be maintained by the Contractor in full force and effect during the entire period of performance under contract. Failure to do so shall be cause for termination of the contract.

All policies must have a **thirty (30) day non-cancellation clause** giving the City thirty (30) days prior written notice in the event a policy is canceled.

At the end of each contract year, the City reserves the right to review insurance requirements and to require more or less coverage depending upon assessment of the risk, the vendor's past experience, and the availability and affordability of increased liability insurance coverage.

Insurance coverage must be from an insurance carrier licensed in the State of California and rated "A" or better by the A.M. Best Key Rating Guide.

The following coverage is required:

- **Commercial General Liability** for a minimum of two million dollars each occurrence (\$2,000,000.00 EO). **The City of San Diego must be named as an additional insured on the certificate.**
- **Automobile Liability** for a minimum of one million dollars combined single limit (\$1,000,000.00 CSL). **The City of San Diego must be named as an additional insured on the certificate.**
- **Workers' Compensation** coverage in accordance with the laws of the State of California. **Policy must contain a Waiver of Subrogation of Rights against the City of San Diego.**

F. PUBLIC AGENCY

It is intended that any other public agency as defined by California Government Code § 6500 shall have the option to participate in any award made as a result of this solicitation. This option shall extend for the term of the agreement with the City of San Diego, and shall be subject to the contractor's acceptance. Any participating public agency shall accept sole responsibility for the placing of orders, arranging for delivery and/or services, and making payments to the contractor. The City of San Diego will not be liable, or responsible, for any obligations, including but not limited to financial responsibility, in connection with participation by other public agencies.

G. INDEMNIFICATION AND HOLD HARMLESS AGREEMENT

To the fullest extent permitted by law, the Contractor agrees to defend, indemnify, protect, and hold City and its agents, officers, and employees harmless from and against any and all claims asserted or liability established for damages or injuries to any person or property, including injury to City's or Contractor's employees, agents, or officers which arise from, or are connected with, or are caused, or claimed to be caused by the acts, or omissions of Contractor and its agents, officers, or employees in performing, providing, manufacturing, or supplying the work, services, product, or equipment relating to this bid, and all expenses of investigating and defending against same; provided, however, that Contractor's duty to indemnify and hold harmless shall not include any claims or liability arising from the established sole negligence or willful misconduct of the City, its agents, officers, or employees.

Notwithstanding anything herein to the contrary, the services provided under this contract will not give rise to, nor will be deemed or construed so as to confer any rights on any other party as a third party beneficiary or otherwise.

H. QUALITY ASSURANCE MEETINGS

Contractor will be required to schedule at least one (1) meeting with City's Contract Administrator to discuss Contractor's performance. This meeting should be scheduled no later than eight (8) weeks from date of commencement of work. At this meeting, City's Contract Administrator will provide Contractor with feedback and will note any deficiencies in contract performance and provide Contractor with an opportunity to address and correct these areas. Additional quality assurance meetings may be required, depending upon Contractor's performance.

I. REFERENCES/QUALIFICATIONS

Bidders are required to demonstrate successful performance for work of similar size and scope as specified in this contract during the past two (2) years.

To enable the City to evaluate the responsibility, experience, skill, and business standing of the Bidder, the following documents must be included with the bid submittal:

- Bidder's References (use form on page 21).

J. LICENSES

To perform the work described in these specifications, the bidder must hold a C-4 Boiler Contractor License and a C-20 HVAC Contractor License. Any Contractor holding a different license who feels qualified to bid on this work must notify the City Purchasing Agent in writing at least seven (7) days prior to the bid opening. A review of the job will be made, and the City's decision as to the propriety of such license will be final.

The Contractor must possess a City of San Diego Business License prior to award of contract.

1. C-4 Boiler Contractor License information:

	License Number	Expiration Date	Name
State Contractor Class and Number	Class: No.:		
City of San Diego Business License			

2. C-20 HVAC Contractor License information:

	License Number	Expiration Date	Name
State Contractor Class and Number	Class: No.:		

K. GENERAL PROVISIONS

Except as otherwise specified herein, the City of San Diego General Provisions, dated September 12, 2001, (on file in the Office of the Purchasing Agent) are incorporated as part of this bid/proposal and any resulting contract by reference. The General Provisions are available online at www.sandiego.gov/purchasing or via request from the Purchasing Division by calling (619) 236-6000.

By signing and/or authorizing the bid submittal, the Bidder/Proposer acknowledges that they have read and understood the meaning, intent and requirements of said General Provisions; and acknowledge said General Provisions are included as a part of this bid/proposal.

In the event of any conflict between the City of San Diego General Provisions and the terms and conditions included in this bid/proposal, the terms and conditions of this bid/proposal shall prevail.

L. ADDENDA

It is the Bidders' responsibility to ensure that all addenda issued are incorporated in their bid submittal.

Failure to acknowledge and incorporate addenda will not relieve the Bidder of the responsibility to meet all terms and conditions of the specifications for price bid.

M. EXCEPTIONS

If a Bidder/Proposer takes any exception to any part of these specifications as written, or as amended by any Addenda subsequently issued, or the General Provisions, they must do so in writing. Said exceptions must be submitted with the bid/proposal. Failure to do so will be construed as acceptance of all provisions of the specifications and General Provisions.

N. BID RESULTS

Bid results **will not** be given out over the phone. To obtain bid results, you must provide a self-addressed stamped envelope referencing the bid number. Envelopes may be submitted with the bid, or mailed directly to the Purchasing Division. They will be kept on file until the bid opens and the extensions are verified.

O. REQUEST FOR TAXPAYER IDENTIFICATION NUMBER

I.R.S. regulations require the City of San Diego to have the correct name, address, and Taxpayer Identification Number (TIN) or Social Security Number (SSN) on file for businesses or persons who provide services or products to the City of San Diego. This information is necessary to complete Form 1099 at the end of each tax year.

In order to comply with I.R.S. regulations, the City of San Diego requires each vendor to provide a Form W-9 prior to award of contract. Failure to provide a completed Form W-9 within three (3) business days of the City's request may result in a bid being declared non-responsive and rejected.

P. AUDIT AND INSPECTION OF RECORDS

The Contractor, and any Subcontractors, shall make available upon request all records which in the opinion of the City Auditor are necessary to conduct an audit of this contract. Such records may include invoices, materials, payrolls, personnel records, and other data relating to all matters covered by this contract. The Contractor and Subcontractors shall retain such data and records for a period of not less than three (3) years following receipt of final payment. The Contractor shall make available all requested data and records at reasonable locations within the City or County of San Diego, at any time during normal business hours, and as often as the City deems necessary. If records are not made available within the City or County of San Diego, the Contractor shall pay the City's travel costs to the location where the records are maintained. Failure to make requested records available for audit by the date requested will result in immediate termination of contract.

Q. ASSIGNMENT OF CONTRACT

Contractor shall not assign this contract, or any right or interest hereunder, without prior written consent of the City.

R. DRUG-FREE WORKPLACE POLICY

All City projects are subject to City of San Diego Council Policy No. 100-17, Drug-Free Workplace. This policy requires that all City construction contractors, consultants, grantees, and providers of non-professional services provide a drug-free workplace in accordance with the provisions contained therein.

The Drug-Free Workplace Policy is available online at www.sandiego.gov/purchasing or via request from the Purchasing Division by calling (619) 236-6000.

By signing and/or authorizing the bid submittal, the Bidder/Proposer acknowledges that they have read and understood the meaning, intent, and requirements of said policy; acknowledge said policy is incorporated as part of this bid/proposal; certify that they have a drug-free workplace program in place that complies with said policy; and that subcontractor agreements for this bid/proposal contain language which indicates the subcontractor's agreement to comply with this policy.

S. AMERICANS WITH DISABILITIES ACT

Every person or organization awarded a contract, lease, or grant by the City of San Diego acknowledges and agrees that they are aware of and will comply with Council Policy 100-04, adopted by Resolution No. 282153 relating to the Federally mandated Americans with Disabilities Act (ADA). Contractors and Subcontractors will be individually responsible for their own ADA program.

T. EQUAL EMPLOYMENT OPPORTUNITY

Contractor shall not discriminate against any employee or applicant for employment on any basis prohibited by law. Contractor shall provide equal opportunity in all employment practices. Contractor shall also ensure that their Subcontractors comply with the City's Equal Employment Opportunity Program. Contractor agrees to be bound by the City Of San Diego Equal Opportunity Ordinance (Municipal Code Chapter II, Article 2, Division 27).

Contractor shall submit a Work Force Report or an Equal Employment Opportunity Plan, within five (5) days of being notified by the Purchasing Division.

For questions regarding the City's Equal Employment Opportunity Program, contact the Equal Opportunity Contracting Office at (619) 533-4464.

U. NONDISCRIMINATION IN CONTRACTING

Contractor shall not discriminate on the basis of race, gender, religion, national origin, ethnicity, sexual orientation, age, or disability in the solicitation, selection, hiring or treatment of subcontractors, vendors or suppliers. Contractor shall provide equal opportunity for subcontractors to participate in subcontracting opportunities. Contractor understands and agrees that violation of this clause shall be considered a material breach of the contract and may result in contract termination, debarment, or other sanctions. This language shall also be included in construction contracts between the contractor and any subcontractors, vendors, and suppliers.

As part of its bid proposal, Bidder shall provide to the City a list of all instances within the past ten (10) years where a complaint was filed or pending against Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

Upon the City's request, Contractor agrees to provide to the City, within sixty (60) calendar days, a truthful and complete list of names of all subcontractors, vendors, and suppliers that Contractor has used in the past five (5) years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by contractor for each subcontract or supply contract. Contractor further agrees to fully cooperate in any investigation conducted by the City pursuant to the City's Nondiscrimination in Contracting Ordinance (Municipal Code Sections 22.3401 - 22.3417). Contractor understands and agrees that violation of this clause shall be considered a material breach of the contract and may result in remedies being ordered against the contractor up to and including contract termination, debarment, and other sanctions for violation of the provisions of the Nondiscrimination in Contracting Ordinance. Contractor further understands and agrees that the procedures, remedies, and sanctions provided for in the Nondiscrimination Ordinance apply only to violations of said Nondiscrimination Ordinance.

For questions regarding the City's Nondiscrimination in Contracting Ordinance, contact the Equal Opportunity Contracting Office at (619) 533-4464.

IV. GENERAL REQUIREMENTS

1. Contractor shall respond to emergency service calls within one (1) hour of callout, twenty-four (24) hours a day, seven (7) days a week.
2. Non-emergency service calls shall be performed within twenty-four (24) hours of call for service. Service schedule for preventative maintenance shall be coordinated with and approved by Bill Davis, Metropolitan Wastewater Operations Supervisor or designee.
3. For emergency calls, Contractor is required to have available (at their business site), seven (7) portable coolers at all times (to be verified by using department personnel prior to award). These will be used on a temporary, as needed basis for critical areas requiring cooling (i.e. computer and telephone rooms) while the primary HVAC system is being repaired. Portable coolers shall be provided for the entire primary HVAC system outage period at no additional cost to the City.
4. Portable coolers shall be 120 volt, one (1) ton, 12,000 BTU's minimum size. Substitutions shall be approved by Bill Davis, Metropolitan Wastewater Operations Supervisor or designee.
5. Contractor shall be required to employ their own personnel to monitor, troubleshoot, and program the "Energy Management System", (computerized HVAC controller, EMS), located at the MOC II facility. Subcontract labor is not acceptable under any circumstances. Non-compliance to this requirement shall deem bid submitted as non-responsive.

Contractor shall provide on-call service technicians, twenty-four (24) hours, seven (7) days a week to respond to EMS emergency pages for temperature problems in MOC 2 computer rooms. It will be the Contractor's responsibility to program this into EMS. Pager will be the responsibility of the Contractor.

6. Contractor shall trend electrical consumption from the EMS and provide a monthly energy report for units specified by Bill Davis, Metropolitan Wastewater Operations Supervisor or designee.
7. Preventative Maintenance Program (PM), for all of the HVAC equipment referenced per Section V, Specifications, paragraphs A-F, shall include replacement of belts, filters, and other standard PM parts. Replacement of parts other than standard PM shall require approval from Bill Davis, Metropolitan Wastewater Operations Supervisor or designee prior to installation. These parts shall be priced according to the percentage discount off manufacturer's list price quoted in the Pricing Page 3.

V. SPECIFICATIONS

NOTE: Belt and filter replacements shall be of the recommended type as referenced in Attachment A. Substitutions require approval by Bill Davis/Supervisor or designee.

A. PACKAGED AIR CONDITIONING UNITS/HEAT PUMPS (25)

Preventive maintenance procedures include the following:

1. COMPRESSOR

- a. Check head pressure.
- b. Check suction pressure.
- c. Check refrigerant level.
- d. Check for leaks.
- e. Check amperage.
- f. Check crankcase heater.
- g. Check electrical terminal connections.
- h. Check safeties.

2. ELECTRICAL

- a. Check all terminals for tightness.
- b. Check disconnects.
- c. Check all contactors and relays.
- d. Check all controls.
- e. Check thermostat operation.

3. EVAPORATOR BLOWER WHEEL

- a. Lube.
- b. Inspect blower wheel.
- c. Check for vibration.
- d. Inspect motor mounts.
- e. Check fan rotation.
- f. Adjust belt tension as required.
- g. Replace fan belt as required.

4. AIR COOLED CONDENSER

- a. Inspect coil for leaks.
- b. Inspect coil for dirt/debris and brush access debris.
- c. Inspect filter dryers and check for temperature differential.
- d. Lubricate all motors.
- e. Check intake screen.
- f. Check drive belt.
- g. Check and adjust automatic pressure controls.
- h. Inspect fan blades.

5. EVAPORATOR COIL

- a. Check for leaks.
- b. Check coil inlet for dirt and debris (obstruction).
- c. Check and clean evaporator coil.
- d. Add algaecide when necessary.

6. ECONOMIZERS

- a. Lubricate all linkages.
- b. Lubricate all dampers.
- c. Manually operate all dampers.
- d. Check economizer motors.
- e. Check economizer controls.

7. FILTERS

- Replace filters at each inspection.

B. PACKAGE AIR CONDITIONING UNITS WITH GAS FURNACE (50)

Preventive maintenance procedures include the following:

1. COMPRESSOR

- a. Check head pressure.
- b. Check suction pressure.
- c. Check refrigerant level.
- d. Check for leaks.
- e. Check amperage.
- f. Check crankcase heater.
- g. Check electrical terminal connections.
- h. Check safeties.

2. ELECTRICAL

- a. Check all terminals for tightness.
- b. Check disconnects.
- c. Check all contactors and relays.
- d. Check all controls.
- e. Check thermostat operation.
- f. Check flue motor.

3. EVAPORATOR BLOWER WHEEL

- a. Lube.
- b. Inspect blower wheel.
- c. Check for vibration.
- d. Inspect motor mounts.
- e. Check fan rotation.
- f. Adjust belt tension as required.
- g. Replace fan belt as required.

4. AIR COOLED CONDENSER

- a. Inspect coil for leaks.
- b. Inspect coil for dirt/debris and brush access debris.
- c. Inspect filter dryers and check for temperature differential.
- d. Lubricate all motors.
- e. Check intake screen.
- f. Check drive belt.
- g. Check and adjust automatic pressure controls.
- h. Inspect fan blades.

5. EVAPORATOR COIL

- a. Check for leaks.
- b. Check coil inlet for dirt and debris (obstruction).
- c. Check and clean evaporator coil.
- d. Add algacide when necessary.

6. ECONOMIZERS

- a. Lubricate all linkages.
- b. Lubricate all dampers.
- c. Manually operate all dampers.
- d. Check economizer motors.
- e. Check economizer controls.

7. BURNER

- a. Check for proper combustion.
- b. Check pilot.
- c. Check all limit controls.
- d. Check pilot safety device.
- e. Check gas valve operation.
- f. Check thermocouple.
- g. Check all control settings.
- h. Check automatic water feed.
- i. Check low water cutoff safety.
- j. Perform combustion analysis.
- k. Check for proper flame.
- l. Inspect and clean burner orifice.
- m. Check and adjust primary air.
- n. Check and clean pilot orifice and igniters.

8. FLUE PIPE

- a. Inspect for soot, corrosion, and leaks.
- b. Inspect vent cap.

9. FILTERS

- Replace filters at each inspection.

C. SPLIT AIR CONDITIONING UNITS/HEAT PUMPS (7)

Preventive maintenance procedures include the following:

1. COMPRESSOR

- a. Check head pressure.
- b. Check suction pressure.
- c. Check refrigerant level.
- d. Check for leaks.
- e. Check amperage.
- f. Check crankcase heater.
- g. Check electrical terminal connections.
- h. Check safeties.

2. ELECTRICAL

- a. Check all terminals for tightness.
- b. Check disconnects.
- c. Check all contactors and relays.
- d. Check all controls.
- e. Check thermostat operation.

3. EVAPORATOR BLOWER WHEEL

- a. Lube.
- b. Inspect blower wheel.
- c. Check for vibration.
- d. Inspect motor mounts.
- e. Check fan rotation.
- f. Adjust belt tension as required.
- g. Replace fan belt as required.

4. AIR COOLED CONDENSER

- a. Inspect coil for leaks.
- b. Inspect coil for dirt/debris and brush access debris.
- c. Inspect filter dryers and check for temperature differential.
- d. Lubricate all motors.
- e. Check intake screen.
- f. Check drive belt.
- g. Check and adjust automatic pressure controls.
- h. Inspect fan blades.

5. EVAPORATOR COIL

- a. Check for leaks.
- b. Check coil inlet for dirt and debris (obstruction).
- c. Check and clean evaporator coil.
- d. Add algacide when necessary.

6. FILTERS

- Replace filters at each inspection.

D. EXHAUST FAN (20)

Preventive maintenance procedures include the following:

1. MOWER

- a. Check operation.
- b. Check motor mount.
- c. Check motor temperature.
- d. Check amperage.
- e. Check pulley and alignment.
- f. Lubricate.

2. BLOWER ASSEMBLY

- a. Inspect backdraft dampers.
- b. Check for vibration.
- c. Replace, adjust, and inspect fan belts as required.
- d. Check for debris.
- e. Lubricate.

3. **ELECTRICAL**

- a. Inspect all electrical connections.
- b. Inspect all disconnects.
- c. Check amperage draw.

E. BOILER (1)

Preventive maintenance procedures include the following:

1. **BOILER**

- a. Check for proper combustion.
- b. Check pilot.
- c. Check all limit controls.
- d. Check pilot safety device.
- e. Check gas valve operation.
- f. Check thermocouple.
- g. Check all control settings.
- h. Check automatic water feed.
- i. Check low water cutoff safety.

2. **BURNER SECTION**

- a. Perform combustion analysis.
- b. Check for proper flame.
- c. Inspect and clean burner orifice.
- d. Check and adjust primary air.
- e. Check and clean pilot orifice and igniters.

3. **FLUE PIPE**

- a. Inspect for soot, corrosion, and leaks.
- b. Inspect vent cap.

4. BOILING PIPING (WATER AND GAS)

- a. Check for leaks.
- b. Check all valves for complete shutoff.
- c. Check strainers.
- d. Check make up water pressure regulation.
- e. Blow down boiler.
- f. Check relief valve.

F. RESNOR GAS FURNACES (2)

Contractor shall follow manufacturer's recommendations for preventive maintenance (PM) of these units.

BIDDER'S REFERENCES

The bidder is **required** to provide a minimum of three (3) references where work of a similar size and nature was performed within the past three (3) years. This will enable the City of San Diego to judge the responsibility, experience, skill, and business standing of the bidder.

REFERENCES

Company Name: _____ Contact Name: _____
Address: _____ Phone Number: _____
_____ Fax Number: _____
Dollar Value of Contract: \$ _____ Contract Dates: _____
Requirements of Contract: _____

Company Name: _____ Contact Name: _____
Address: _____ Phone Number: _____
_____ Fax Number: _____
Dollar Value of Contract: \$ _____ Contract Dates: _____
Requirements of Contract: _____

Company Name: _____ Contact Name: _____
Address: _____ Phone Number: _____
_____ Fax Number: _____
Dollar Value of Contract: \$ _____ Contract Dates: _____
Requirements of Contract: _____

Certification Survey

For Small, Ethnically and Culturally Diverse,
Woman, Disadvantaged, Disabled Veteran, Or Other Businesses

All Contractors are required to complete this form and return it with their bid package.

Company Name: _____

Mailing Address: _____

Telephone No.: (_____) _____

E-Mail Address: _____

1. Contractor's company is **currently** certified as small, ethnically and culturally diverse, woman, disadvantaged, disabled veteran, or other business? ☐ Yes ☐ No

Certification Number/Agency: _____

2. Contractor's company has applied for certification? ☐ Yes ☐ No

If yes, which agency? _____

3. Contractor's company is an independently owned business? ☐ Yes ☐ No

4. Contractor's company is 51% or more owned by a socially, economically, disadvantaged individual*? ☐ Yes ☐ No

5. SIC Code: _____

6. Number of Employees: _____

7. Annual Gross Receipts (three year average): _____

8. This is not an application for certification. If you would like to receive an application for certification, please check box: ☐

I certify that this information is correct: _____
Authorized Signature (Date)

* Black Americans, Native Americans, Hispanic Americans, Asian-Pacific Americans, Subcontinent Asian Americans, Women, any additional groups whose members are designated as socially and economically disadvantaged by the Small Business Administration (SBA) at such time as the SBA designation becomes effective.

ATTACHMENT A

MOC I

Unit Count

- (14) Trane package heat pumps
- (1) EMI ductless split unit
- (1) Ray-Pac boiler
- (1) Direct drive exhauster
- (2) Belt driven exhausters
- (3) Bard trailer units

Filter Count: C-35's

- (42) 16 x 25 x 2
- (3) 16 x 30 x 1

Belts

- (1) 4L250
- (1) 4L260
- (3) A45

MOC II

Unit Count

- (46) Carrier gas & electric pack units
- (2) Trane package heat pumps
- (2) Carrier split-heat pumps (cool only)
- (2) Carrier split-ductless (cool only)
- (1) Rheem split (cool only)
- (8) Direct drive exhauster
- (5) Belt driven exhauster

Filter Count: C-35's

- (2) 20 x 20 x 1
- (1) 18 x 25 x 1
- (1) 20 x 25 x 1
- (24) 16 x 20 x 2
- (58) 16 x 25 x 2
- (44) 20 x 20 x 2

Belt Count

- | | | | |
|-----------|-----------|----------|----------|
| (1) 4L240 | (1) 3L190 | (8) A53 | (11) A36 |
| (1) 4L250 | (1) 3L200 | (10) A39 | (6) A40 |
| (1) 3L220 | (5) A48 | (2) A38 | (4) BX48 |

ATTACHMENT A (*cont.*)

MOC III

Unit Count

- (6) York package heat pump
- (4) York package gas & electric units
- (2) Resnor gas furnace
- (4) Belt driven exhauster
- (1) Carrier ductless split (cool only)

Filter Count: C-35's

- (16) 15 x 20 x 2
- (8) 14 x 25 x 2
- (2) 12 x 24 x 2
- (5) 16 x 24 x 2
- (2) 18 x 24 x 2
- (1) 20 x 20 x 1

Belt count

- (2) A43
- (1) A48
- (1) A55
- (2) 4L210
- (1) 4L190
- (1) 4L200

Additional Information:

EMS – Energy Report

- (78) Algaecide tablets